



An Energy Efficiency Workshop & Exposition

Palm Springs, California

***AN ESPC PARTNERSHIP
THE NAVY REGION SOUTHWEST
AND
NORESKO***

Brian L. Neeley, P.E.

Manager of Project Development

NORESKO

(949) 253-3533

bneeley@noresko.com



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Project Perspective

- CA Energy Crisis At Peak Summer 2000
- Limited Funding For Energy Projects
- Fast Paced Approach Required
- Maximize Alternate Funding Sources
- Contract Vehicle - DoE Super ESPC
- NORESKO Selected as ESPC Partner in December 2000



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Project Details

- Delivery Order No. 1 Proposal Submitted and Approved Within 3 Months
 - 3 Metro Area Bases
 - HID Lighting Replacement
 - \$2 Million Investment
 - \$300k Utility Incentive Secured



Project Details - Continued

- 3 Additional Delivery Orders Proposed and Approved within 9 Months
 - 3 Metro Bases and NAS Fallon
 - HID Lighting, Skylights, Daylighting Controls, Chiller Replacements, DDC/EMS Upgrades, HVAC Retrofits, Microturbines, Irrigation System Installation, Compressed Air System Upgrades, 30 kW Rooftop Photovoltaic System and 750 kW PV Covered Parking Structure
 - \$20 Million Investment
 - \$3.6 Million in CA Grants Secured



Results

- \$2.2 Million Annual Savings
- \$22.2 Million in Energy Infrastructure Upgrades
- \$8.4 Million in Incentives From Various Sources
- Approximately 3,000 kW Monthly Peak Demand Reduction
- 74,000 kgal of Annual Water Savings



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Keys to Success

- Strong Partnership Theme
- Effective Communications
- Interactive and Flexible Approach by All Parties to Streamline Time to DO Award
- Teamwork Between NORESKO, NRSW, NAVFACCO, NFESC, and DoE



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2002 Energy Lighting Retrofits - Pre and Post



June 2-5, 2002

www.energy2002.ee.doe.gov



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Skylights In Progress and Complete



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30 kW Rooftop PV System



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Microturbines



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